

# USER'S MANUAL

STR 8-80

DIRECT DRIVE

DIGITAL OUT

KEY CORRECTION



Please check to make sure the following items are included with the main unit in the carton:

- (1) Operating instructions
- (2) Platter
- (3) Slip mat
- (4) Counterweight
- (5) 45 rpm adaptor
- (6) Headshell with 520sk cartridge
- (7) Dust cover
- (8) AC cord
- (9) Connecting cord

## FEATURES

### 1. High torque brush less DC motor

This set uses a high torque brushless DC motor to reach the normal speed of rotation rapidly and reduce braking time.

### 2. +/-8%/-12% pitch control

The pitch can be changed in a range of +/-8%, +/-12% using the pitch slider. A quartz lock On/off button lets you return to the normal speed of rotation at the touch of a button.

### 3. Pitch correction

When pitch correction is on, musical key tone can be kept constant even when the platter speed is changed with the slider.

### 4. 78 rpm compatible

This set can play 33, 45 and 78 rpm records.

### 5. Digital out

The music output is in digital format and can be reproduced on an external digital processor or an MD recorder.

<b>1</b>	Remove all the parts from the box.
<b>2</b>	Remove the packaging materials from the unit and all the parts. Set the parts on a stable surface when removing the packaging materials. Handling the parts roughly could result in scratches or deformation.
<b>3</b>	Check the voltage selector switch is set to an appropriate position. ex. U.S.A & CANADA : 115V EUROPE : 230V
<b>4</b>	Insert the platter onto the motor shaft.
<b>5</b>	Set the slip mat on the platter, lining it up with the motor shaft.

Be sure to turn off the amplifier's power when making connections.

### (1) Analog connections

<b>1</b>	Connect the left (white) and right (red) plugs RCA cord to the amplifier's left and right "Phono".
<b>2</b>	Connect the connector side of the power cord to the set's power connector terminal (AC IN).
<b>3</b>	Plug the power cord into an appropriate power outlet. Check that the power outlet's capacity is sufficient.

### (2) Digital connections

<b>1</b>	Use an RCA cord (not included) to connect the digital output jack.
<b>2</b>	Connect the RCA cord of step 1 into the digital input jack of a "Digital Processor" or "MD Recorder".
<b>3</b>	Connect the connector side of the power cord to the set's power connector terminal (AC IN).
<b>4</b>	Plug the power cord into an appropriate power outlet. Check that the power outlet's capacity is sufficient.

<b>Power supply:</b>	AC 115/230v, 50/60Hz:
<b>Power consumption:</b>	15W
<b>Dimensions:</b>	450(W) x 352(D) x 148(H)mm
<b>Weight:</b>	9.5Kg
<b>Motor:</b>	8pole, 3phase, brushless DC motor
<b>Starting Torque:</b>	More than 1.6 kgf.cm
<b>Platter:</b>	330mm dia. Aluminun diecast
<b>Pitch:</b>	+/-12%, +/-8%
<b>Brake:</b>	Electronic brake
<b>Wow &amp; Flutter:</b>	Less than 0.20% WRMS (JIS WTD) with 33 <sub>1/3</sub> rpm
<b>S/N ratio:</b>	More than 50dB (DIN-B)
<b>Channel Separation:</b>	More than 15 dB

**Starting playback**

<b>1</b>	Turn the power dial to turn on. The speed button and the strobe-illuminator light up.
<b>2</b>	Turn on the amplifier's power. Then, select the function switch.
<b>3</b>	Set a record on the platter. * To play 45 rpm records, use the included adaptor.
<b>4</b>	Set the speed button's according to the record's playing speed.
<b>5</b>	Press the START/STOP button.
<b>6</b>	Hold the head shell's finger support, and move the tone arm to the desired position over the record.
<b>7</b>	Lower the tone arm gently until the stylus is on the record and playback begins.
<b>8</b>	Adjust the speed of rotation. When QUARTZ LOCK Is off, the speed of the platter can be adjusted in a range of +/-8% / +/-12% by the pitch slider. The speed is lower than the displayed speed when the strobe is flowing to the right, higher than the displayed speed when the strobe is flowing to the left. When the strobe is stopped, the platter is turning at the displayed speed. When the key adjust button is pressed during the pitch control mode, the button lights on, and musical key tone can be kept constant even the platter speed is changed with the slider.

**Stopping or interruption playback**

<b>1</b>	Stopping or interruption playback. Raise the tone arm off the record.
<b>2</b>	Hold the head shell's finger support and move the tone arm back onto the arm rest.
<b>3</b>	Secure the tone arm on the arm rest.
<b>4</b>	Press the START/STOP button. The platter stops turning.

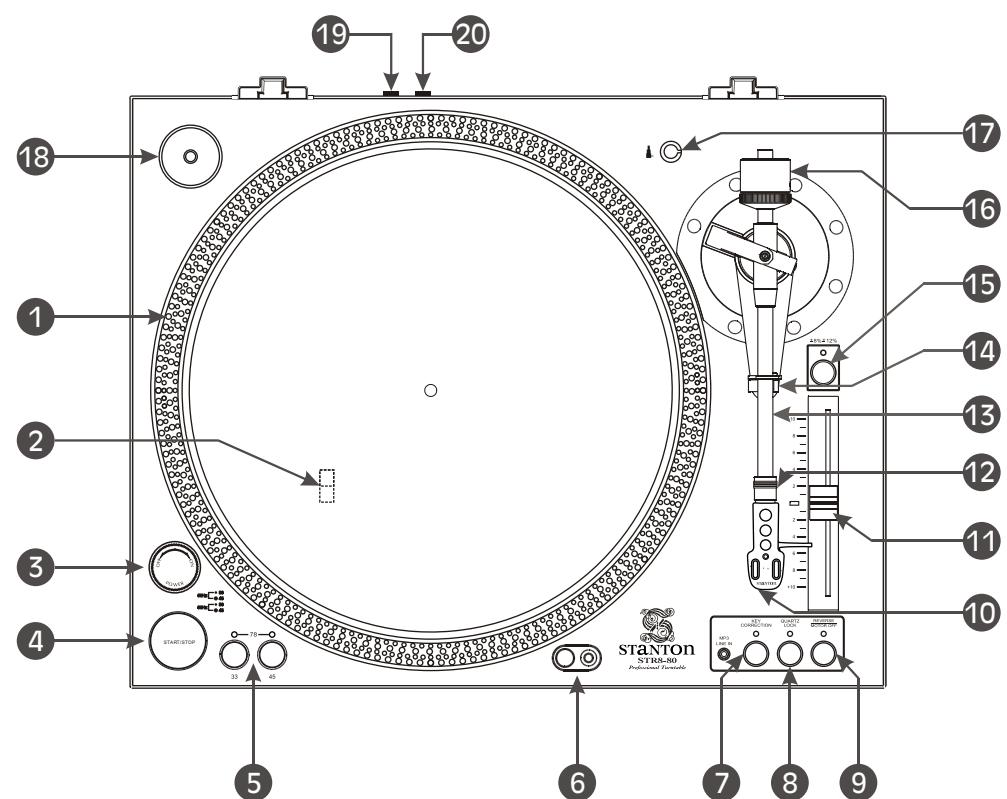
**Mounting the counterweight**

<b>1</b>	Mount the counterweight on the shaft at the back of the tone arm.
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**Mounting the cartridge**

<b>1</b>	Insert the headshell on which the cartridge has been mounted into the tone arm and fasten it in place using the lock nut.
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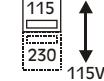
Instructions on how to setup the tonearm from the website should be added on this page.

**TOP PANEL****1 Strobe dots**

50Hz 33  
 45  
 60Hz 33  
 45

**2 Voltage selector**

Check that the voltage selector switch is set to an appropriate voltage before use.

**3 Power dial (POWER)**

ON-Rotate right  
 OFF-Rotate left

**4 Start/Stop button (START/STOP)**

Press this button to start and stop the platter rotation.

**5 Platter revolution speed buttons**

33 rpm - Press 33  
 45 rpm - Press 45  
 78 rpm - Press 33 and 45

**6 Target light**

Press the button to the right and a light will pop up directed at the stylus position.

**7 Key correction**

Press to enable key correction the light will turn on and the key won't change when adjusting the pitch slider. Press again to disable key correction the light will turn off.

**8 Quartz lock**

ON - Will hold the revolution speed at exactly the specified speed.  
 OFF - Will allow use of the pitch adjust.

**9 Reverse/Motor off**

Press this button to switch the reverse and forward playback.  
 Hold the reverse button more than 0.5sec , the orange light will on and the player will brake stop; hold the button again to disable the motor off.

**10 Headshell**

The cartridge has been pre-mounted on the headshell.  
 When installing a cartridge, refer to the installation instructions supplied by the manufacturer of that cartridge.  
 During installation, attach the stylus protector to guard the stylus tip from damage.

**11 Pitch slider**

Use this to change the speed of the platter when the PITCH button is lit. You can adjust the speed in a range of +/-8% or +/-12%.

**12 Headshell locking nut**

Attach headshell by inserting into the front end of the tone arm, then turn the locking nut clockwise with the head shell firmly held horizontally.

**13 Tonearm****14 Tone arm clamp and rest**

Use this rest the tone arm and clamp it in position during transportation.

**15 +/-8% / +/-12% switch**

Press this button to switch pitch in +/-8% that green light is on and pitch in +/-12% that red light is on.

**16 Counterweight**

Use this to balance the tone arm and to adjust the stylus pressure.

**17 Extra stylus holder**

Place extra headshells here.

**18 45rpm adaptor holder**

Place on the attached 45 rpm adaptor here.  
 Push down the rear side of 45 rpm adaptor to take it.

**19 Remote Start / Stop**

This jack can be connected with an external switch to perform the Start / Stop operation.

**20 Output terminal (DIGITAL OUTPUT)**

Use this output to connect your STR8-80 to a digital device such as a CD-R or Computer.